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PN - SU616852 A 19790115
 PD - 1979-01-15
 PR - SU19772460355 19770309
 OPD - 1977-03-09
 TI - DISCRETE OPTICAL LEVEL-FLOW GAUGE
 IN - ZAK M A; ZARITSKIJ V S; IVANOV V V; KARPOV V N; KONOVALOVA S A;
 BEZVERKHNIJ I SH; BEZVERKHNIJ SH A
 PA - LE SELSKOKHOZ I (SU)
 IC - G01F23/22

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TI - Combined optical flow rate and level-meter - has output from digital meter connected to control voltage supply for system of deflection
 PR - SU19772460355 19770309
 PN - SU616852 A 19790120 DW197925 000pp
 PA - (LESE) LENG D AGRIC INST
 IC - G01F23/22
 IN - BEZVERKHNI S H A; KARPOV V N; ZAK M A
 AB - SU-616852 Prototype includes the linearly polarised monochromatic light source (1), digital meter (4), light-guide (6) and photoreceiver (7). The cylindrical focussing lens (2), discrete deflecting system (3), control voltage supply (5) and the mirrors (8, 9) are introduced in order to make the measurements more accurate and reliable.
 - Described optical flow rate-measuring level meter is useful as a sensor in an electro-optical system. Although conventional light sources can be used, a gas laser is the simplest. It is essential that the light reflected from the surface of the liquid should be directed onto the light-guide. This is arranged by control voltages applied to polarisation switches.
 - The digital meter produces code signals corresponding to levels of the liquid. They are converted in the control voltage supply into a combination of control voltages.
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